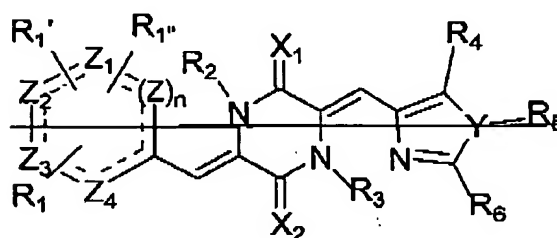
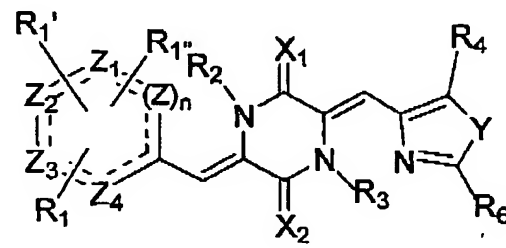


Appl. No. : 10/632,531  
 Filed : August 1, 2003

# AMENDMENTS TO THE CLAIMS

1-14. (CANCELLED)

15. (CURRENTLY AMENDED) A compound having the structure of Formula (I):



(I)

wherein

R<sub>1</sub>, R<sub>4</sub>, and R<sub>6</sub>, are each separately selected from the group consisting of a hydrogen atom, a halogen atom, and saturated C<sub>1</sub>-C<sub>24</sub> alkyl, unsaturated C<sub>1</sub>-C<sub>24</sub> alkenyl, cycloalkyl, cycloalkenyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl, substituted heteroaryl, amino, substituted amino, nitro, azido, substituted nitro, phenyl, and substituted phenyl groups, hydroxy, carboxy, -CO-O-R<sub>7</sub>, cyano, alkylthio, halogenated alkyl including polyhalogenated alkyl, halogenated carbonyl, and carbonyl -CCO-R<sub>7</sub>, wherein R<sub>7</sub> is selected from a hydrogen atom, a halogen atom, and saturated C<sub>1</sub>-C<sub>24</sub> alkyl, unsaturated C<sub>1</sub>-C<sub>24</sub> alkenyl, cycloalkyl, cycloalkenyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl, substituted heteroaryl, amino, substituted amino, nitro, azido, substituted nitro, phenyl, and substituted phenyl groups;

R<sub>1</sub>' and R<sub>1</sub>' are each independently selected from the group consisting of a hydrogen atom, a halogen atom, and saturated C<sub>1</sub>-C<sub>24</sub> alkyl, unsaturated C<sub>1</sub>-C<sub>24</sub> alkenyl, cycloalkyl, cycloalkenyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl,

Appl. No. : 10/632,531  
Filed : August 1, 2003

substituted heteroaryl, amino, substituted amino, nitro, azido, substituted nitro, phenyl, and substituted phenyl groups, hydroxy, carboxy,  $-\text{CO}-\text{O}-\text{R}_7$ , cyano, alkylthio, halogenated alkyl including polyhalogenated alkyl, halogenated carbonyl, and carbonyl  $-\text{CCO}-\text{R}_7$ , wherein  $\text{R}_7$  is selected from a hydrogen atom, a halogen atom, and saturated  $\text{C}_1-\text{C}_{24}$  alkyl, unsaturated  $\text{C}_1-\text{C}_{24}$  alkenyl, cycloalkyl, cycloalkenyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl, substituted heteroaryl, amino, substituted amino, nitro, azido, substituted nitro, phenyl, and substituted phenyl groups;

$\text{R}_i$ ,  $\text{R}_i'$  and  $\text{R}_i''$  are either covalently bound to one another or are not covalently bound to one another;

$\text{R}_2$ ,  $\text{R}_3$ , and  $\text{R}_5$  are each separately selected from the group consisting of a hydrogen atom, a halogen atom, and saturated  $\text{C}_1-\text{C}_{12}$  alkyl, unsaturated  $\text{C}_1-\text{C}_{12}$  alkenyl, acyl, cycloalkyl, alkoxy, cycloalkoxy, aryl, substituted aryl, heteroaryl, substituted heteroaryl, amino, substituted amino, nitro, and substituted nitro groups, sulfonyl and substituted sulfonyl groups;

$\text{X}_1$  and  $\text{X}_2$  are separately selected from the group consisting of an oxygen atom, a nitrogen atom, and a sulfur atom, each either unsubstituted or substituted with a  $\text{R}_5$  group, as defined above;

$\text{Y}$  is selected from the group consisting of ~~a nitrogen atom~~, a nitrogen atom substituted with  $\text{R}_5$ , an oxygen atom, a sulfur atom, a oxidized sulfur atom, and a methylene group substituted with one or more  $\text{R}_5$  ~~and a substituted methylene group~~;

$n$  is an integer equal to zero, one or two;

$\text{Z}$ , for each separate  $n$ , if non-zero, and  $\text{Z}_1$ ,  $\text{Z}_2$ ,  $\text{Z}_3$  and  $\text{Z}_4$  are each separately selected from a carbon atom, a sulfur atom, a nitrogen atom or an oxygen atom; and

the dashed bonds may be either single or double bonds;

with the proviso that, in a particular compound, if  $\text{R}_1$ ,  $\text{R}_1'$ ,  $\text{R}_2$ ,  $\text{R}_3$ ,  $\text{R}_4$  and  $\text{R}_5$  are each a hydrogen atom, then it is not true that: 1)  $\text{X}_1$  and  $\text{X}_2$  are each an oxygen atom and 2)  $\text{R}_6$   $\text{R}_4$  is either 3,3-dimethylbutyl-1-ene or 3,3-dimethylpropyl-1-ene or a hydrogen atom.

16. (ORIGINAL) The compound of claim 15, wherein each of  $\text{R}_2$ ,  $\text{R}_3$ ,  $\text{R}_5$  and  $\text{R}_6$  is a hydrogen atom.

Appl. No. : 10/632,531  
Filed : August 1, 2003

17. (ORIGINAL) The compound of claim 15, wherein each of  $X_1$  and  $X_2$  is an oxygen atom.

18. (ORIGINAL) The compound of claim 15, wherein  $R_4$  is a saturated  $C_1$ - $C_{12}$  alkyl.

19. (ORIGINAL) The compound of claim 15, wherein the saturated  $C_1$ - $C_{12}$  alkyl is a tertiary butyl group.

20. (ORIGINAL) The compound of to claim 15, wherein  $R_1$  is a substituted phenyl group.

21. (ORIGINAL) The compound of claim 20, wherein the substituted phenyl group is methoxybenzene.

22. (ORIGINAL) The compound according to claim 15, wherein  $n$  is equal to zero or one.

23. (ORIGINAL) The compound according to claim 15, wherein  $n$  is equal to one.

24. (ORIGINAL) The compound according to claim 15, wherein  $n$  is equal to one and  $Z$ ,  $Z_1$ ,  $Z_2$ ,  $Z_3$  and  $Z_4$  are each a carbon atom.

25. (ORIGINAL) The compound of Claim 15, wherein said compound is selected from the group consisting of: KPU-2, KPU-11, KPU-35, KPU-66, KPU-80, KPU-81, KPU-90 and t-butyl-phenylabistin.

26-40. (CANCELLED)